

**ATTENTION:** Always refer to the most current technical information available at [www.lonseal.com](http://www.lonseal.com), and review completely prior to starting the job. Lonseal reserves the right to change its products' design and material, or to improve products or processes at any time without notice. Installation procedures and use of Lonseal products must be in strict accordance with Lonseal's technical documentation for warranty terms to be valid.

**RELATED TECHNICAL DATA SHEETS:**

- ▶ #813 Sheet Vinyl Adhesive
- ▶ Welding Thread

**APPLICATION:**

1. Prepare the approved substrate as detailed in the Interior Flooring Manual and ensure all products have been properly acclimated prior to installation. Lonsafe must not be installed over an existing floor covering. All existing floor coverings must be removed in their entirety. Lonsafe is not intended for use with Lonseal's Fitness Flooring or any other foam-backed product.
2. When planning the layout, Lonsafe is meant to be installed perpendicular to the flooring, with no end joints or seams within 24 in. (61.0 cm) of one another. Lonsafe is the only Lonseal sheet product intended to be installed with reversed sheets, and all seams must be double-cut. Lonsafe is installed with the printed side down.
3. Apply a full spread of the #813 using a 1/16 x 1/32 x 1/32 in. (1.6 x 0.8 x 0.8 mm) U-notch trowel.
4. After allowing for sufficient open time, place the Lonsafe into the adhesive. Force any trapped air out using the Lonsafe's cardboard core or a push broom, and then roll in both directions with a minimum 100 lb. (45.4 kg), three-section roller. Lonsafe seams are left untreated.
5. The #813 must be allowed to cure for 24 hours after the Lonsafe installation before proceeding. Allow no foot traffic during this time.
6. After a minimum of 24 hours has elapsed, installation may continue. Apply a full spread of the #813 to the top of the Lonsafe and the back of the flooring with a 1/4 in. (6.4 mm) nap roller. The #813 should be applied in a uniform layer to both surfaces.
7. Allow the #813 to become almost clear before placing the flooring.
8. Place the flooring and roll in both directions with a minimum 100 lb. (45.4 kg), three-section roller, checking for full adhesive transfer from the substrate to the back of the flooring.
9. Heat weld all seams 24 hours after installation. Chemical welding is not an option, nor is heat welding any seam prior to that time.
10. Allow no foot traffic for 24 hours after the flooring installation.
11. Perform initial maintenance 48 hours after the flooring installation.
12. After 72 hours the adhesives will be fully cured.

**NOTES:**

- A. Lonsafe seams will telegraph. Their appearance can be minimized by ensuring the seams are as tight as possible, but some telegraphing will always be evident. Ensuring the adjacent Lonsafe sheets are reversed will also help minimize telegraphing.
- B. Lonsafe is not intended for locations with any type point loading. Point loading could lead to permanent indentation of the foam underlayment, and in some cases seam failure. Lonsafe should only be used in areas with foot traffic.
- C. The installation of Lonsafe is considered a "double install", which will require additional time to complete. This should be taken into consideration when planning the job, so all parties are aware. Just the Lonsafe and flooring installation will require a minimum of 4 full days (96 hours) to complete. This does not include any additional time required for demolition, moisture testing, subfloor preparation, etc.
- D. Installations using Lonsafe may be flash coved, but will require additional instructions. Please contact Lonseal's Technical Department for more information.
- E. For installations of Lonsafe in a hot yoga studio, please refer to the Hot Yoga Studio Installation Guide.
- F. When using wheels, mats, or other items that will be in direct contact with the flooring, they must be non-rubber and non-staining. Failure to do so could result in damage to the flooring, including permanent staining or discoloration. Contact the manufacturer of the item to confirm its compatibility with sheet vinyl prior to its use.